

FOLIO

THE UNIVERSITY OF ALBERTA STAFF BULLETIN

EDMONTON 7, ALBERTA

APRIL 9, 1970

Transplantation group established

The Medical Research Council and The University of Alberta announced last week the establishment of an MRC group for transplantation research in the Faculty of Medicine.

One million, two hundred-fifty thousand dollars will be made available over a five year period in support of research to be undertaken by a team of scientists directed by JOHN B. DOSSETOR, Professor of Medicine, and ERWIN DIENER.

The field of transplantation immunology poses many problems which are ripe for intensive research effort during the next decade. The new MRC group will launch a broad interdisciplinary program involving investigation in the immunobiology of tissue transplantation at the experimental level and clinical studies centred initially upon the transplanted kidney but likely to be extended to other organs in man.

Dr. Dossetor, 44, who recently moved to The University of Alberta from McGill University, graduated in Medicine from the University of Oxford in 1951 and obtained his PhD from McGill in 1961. For eight years prior to moving to Edmonton, he was director of Renal and Urological Research at the Royal Victoria Hospital in Montreal. He is Canada's leading authority on kidney transplantation and his contributions to the field of clinical renal transplantations have gained him an international reputation.

Dr. Diener, 38, was born in Switzerland and obtained his Doctorate in Radiobiology from the University of Zurich in 1963. For the past three years he has been a Senior Research Officer at the Walter and Eliza Hall Institute of Medical Research in Melbourne, Australia. He will take up his new position in Edmonton in July.

A full associate member of the group will be W. D. ARMSTRONG, 35, who graduated in Medicine from the University of Manitoba and subsequently obtained his PhD degree from the University of Melbourne, where he worked with Dr. Diener while holding an MRC Fellowship.

The group also will include a protein

chemist in the field of isolation of transplantation antigens, an expert in the field of histocompatibility, and three professional assistants, W. T. HOWSON and B. K. MOOKERJEE, former colleagues of Dr. Dossetor at McGill, and N. E. KRAFT, a former colleague of Dr. Diener. The program of the group will be integrated closely with an on-going clinical renal transplantation program which already exists at The University of Alberta. C. M. COUVES, HARRY HYDE, W. H. LAKEY, and PETER SALMON of the Department of Surgery will be part-time associate members of the group.

"We are directing our efforts at a new approach to rejection through the induction of immunological tolerance," Dr. Dossetor said. "Dr. Diener and Dr. Armstrong have pioneered in this field.

"The problem is to prevent, or at best, to interfere with, this immune response. There are three ways of doing this: tissue typing and matching; generalized suppression of the immune response; and induction of tolerance. The first two methods are used jointly in clinical practice at present."

The aims of the group are to develop basic and applied research in: (1) *histocompatibility*: tissue typing and matching; (2) *preparation of donor-type transplantation antigens*: tissue proteins that induce the formation of antibodies for use in tolerance induction, in vitro, in animals and eventually in man; (3) *serological and immunopathologic studies of the mechanism of rejection*: the immunological effect of a graft in the recipient; and (4) *organ preservation*: including perfusion and the freezing of solid organs.

Dr. Dossetor said "specific suppression of the immune reaction to transplanted organs, tissue typing and matching, and development of storage techniques for solid organs such as the heart, lungs, kidneys and liver are all absolutely necessary to the success of transplants in general. And all are in a phase of rapid evolution at present.

"The induction of tolerance has not been used yet intentionally on humans, but

it holds great promise for the future."

This is the second MRC group to be established for the encouragement of intensive interdisciplinary research. The first was the MRC group for the neurological sciences established in 1967 at the University of

Montreal under the direction of H. H. JASPER and now entering its fourth year of operation. Under the terms of the agreements, members of the groups devote virtually their full time to their common research objective and are freed of the ordinary administrative duties of regular faculty members.

The financial contribution of the MRC to the new group makes provision for the salaries of the two principal investigators and of professional and technical assistants as well as for the stipends of a number of Postdoctoral Fellows and graduate students. In addition, during the first year of operation MRC funds for research equipment, materials, and supplies will total approximately \$100,000.

The University has made available over 7,000 square feet of laboratory space for the immediate members of the group. The sum of \$210,000 also has been provided locally for the renovation and capital equipment of laboratories for the directors of the group, and an undertaking to provide a further equivalent sum for equipment has been made.

The breadth and depth of the transplantation program to be developed by Dr. Dossetor and his colleagues is unique and the success of this endeavor well could set the pattern for other centres. Approval by Council of the establishment of this new group is a natural outgrowth of its current sponsorship of a nation-wide clinical trial of antilymphocyte serum in kidney transplants, with which Dr. Dossetor has been associated from the start, and which has gained for Canada international recognition of its leadership in this area.



Dr. J. B. Dossetor

Dr. Galbraith to retire



F. P. GALBRAITH's term of office as Chancellor of the University expires June 30 this year. In 1964 Dr. Galbraith was elected by acclamation by the alumni according to the old University Act for a six year term, succeeding the late Judge L. Y. CAIRNS.

Dr. Galbraith was born at Guelph, Ontario, in 1896 and came west with his parents in 1906, the following year settling in Red Deer where his father took over the local newspaper. He attended The University of Alberta from 1913 to 1915, when he enlisted in the Third University Company, Princess Patricia Canadian Light Infantry, and went overseas, where he served four years.

Except for eight years spent working in the United Kingdom between the wars, Dr. Galbraith has been on the staff of the *Red Deer Advocate* since 1920. He became editor upon his father's death in 1934 and remained in that capacity until his retirement from it this spring. During his years as editor the *Advocate* grew from a prize-winning weekly to a bi-weekly, and finally, in March, 1960, to the thriving daily newspaper it is today. The files of the *Advocate* go back almost to the turn of the century and hold the most complete history extant of central Alberta. Dr. Galbraith is still publisher of the paper and still is very actively involved with it.

Dr. Galbraith has served variously as Secretary and President of the Red Deer Board of Trade, twice as an Alderman of the city, as Chairman of the Red Deer District Planning Commission from its beginning in 1952 until 1958, and as President of the Canadian Weekly Newspapers Association.

His family long has had close ties with the University. His mother, a graduate of the University of Toronto, and his uncle, W. S. GALBRAITH, a graduate of McGill University, both registered in 1908 as members of Convocation at the establishment of The University of Alberta. His uncle was elected to the University's first Senate, representing the south of the province, and he himself served on the Senate from 1948 to 1954. His sister, two brothers, son and daughter all are graduates of this University.

In 1959 he was awarded an honorary Doctor of Laws from the University in recognition of his service to the University

and his contribution as editor of the *Advocate* for twenty-five years.

Dr. Galbraith is the University's eighth Chancellor and the first one to be resident outside of Edmonton or Calgary.

SENATE COMMITTEE SEEKS SUGGESTIONS FOR NEW CHANCELLOR

A special Advisory Selection Committee has been set up by the Senate to consider proposals and to nominate someone to the position of Chancellor, to succeed F. P. GALBRAITH, whose term of office expires June 30, 1970.

Dr. Galbraith was elected Chancellor in 1964 by the alumni according to the terms of the old University Act. Under the Universities Act of 1966, the Senate is empowered to elect the Chancellor for a four year term. The Chancellor is statutory Chairman of the Senate, confers all degrees, and is an *ex officio* member of the Board of Governors.

The Committee will be chaired by F. T. JENNER, a lay member of the Senate, and will consist of a further two lay members, two student members (representing the Students' Union and the Graduate Students' Association), two members of the academic staff of the University, one member from the non-academic staff, two members representing the Alumni Association and one representing the Board of Governors. Members who have accepted to date include E. J. THOMPSON, former Principal of St. Stephen's College (Vice-President of the Committee); F. V. MAC HARDY, Dean of Agriculture; D. G. BELLOW, Associate Professor of Mechanical Engineering; Mrs. D. L. MCCULLOCH, representing the Board; and P. ARNOLD, representing the Non-Academic Staff Association.

The Committee is charged with bringing one nomination forward to the Senate at its May 15 meeting.

Suggestions are sought from the University community, the alumni, and the general public regarding the new Chancellor. The suggestions should include the name and address of the candidate, his educational background, and a brief chronological biography, with particular reference to the qualifications which, in the view of those proposing him, make the prospective candidate an appropriate choice as Chancellor. All suggestions must be received by Friday, April 17; they should be sent to

A. D. Cairns, Secretary of the Senate
The University of Alberta.

The new Chancellor will be installed at a Convocation ceremony in the fall.

FOLIO

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William Samis, Editor

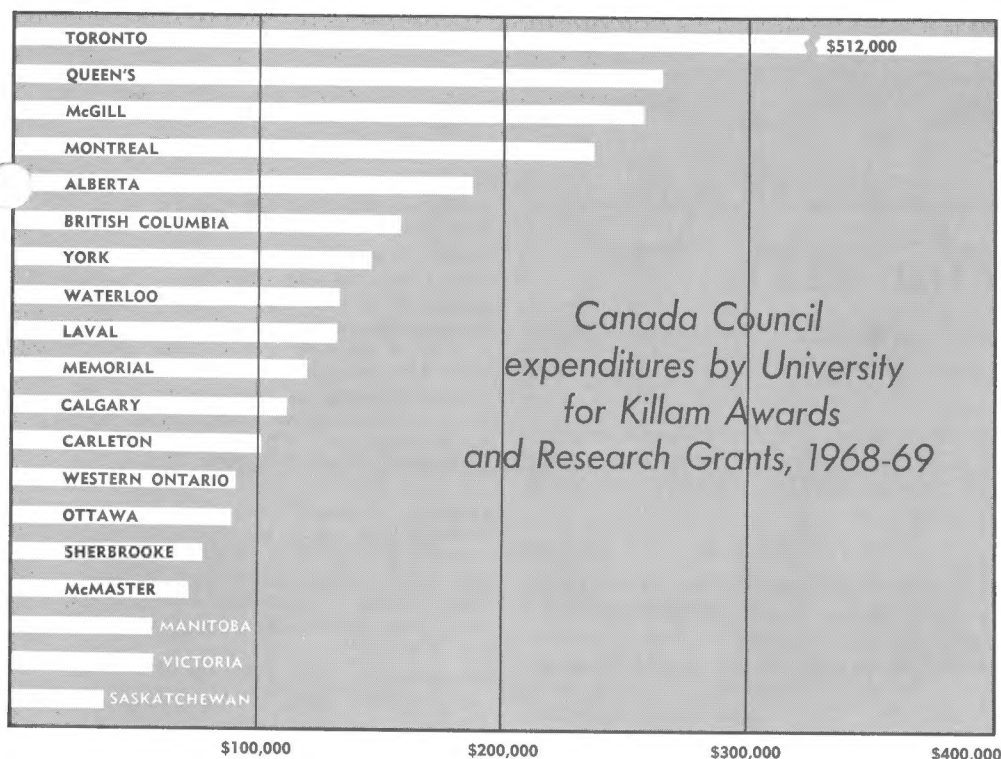
Advisory Committee: E. D. Hodgson (Acting Associate Dean of Graduate Studies), D. D. Betts (Professor of Physics), Aylmer A. Ryan (Provost and Executive Assistant to the President)

Staff: Jeanette Rothrock (Assistant Editor), Forrest Bard, Gillian Butler, Norma Gutteridge, Frank Hale

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This graph shows the top twenty universities according to the Canada Council's allocations for 1968-69, based on information in the Council's annual report for that year. In addition, thirty-five universities and colleges received less than \$30,000. Information was compiled by the University's Research Grants and Contracts Office.

QUESTION . . . ANSWER

Questions of general interest concerning University policy and procedure may be addressed to the Editor, who will refer the question to an appropriate University officer, and then publish both question and answer. Questions should be brief, and should be signed by their authors.

The following reply was prepared by GORDON A. HOLMES, Research Grants Officer, in response to a question from E. C. MAY, Associate Professor of Classics.

Thank you for your letter asking for more information about the research statistics which appeared in the February 26 FOLIO. I am enclosing a statistical analysis by university of the total expenditures by the Canada Council for Killam Awards and Research Grants in 1968-69. These are the latest figures and unfortunately the information given is not sufficient to enable us to divide the total between the humanities and social sciences.

According to the Canada Council Annual Report for 1968-69, expenditures for research grants amounted to \$2,810,196 and for Killam Awards, \$453,643, making a total of \$3,263,839.

The first five universities according to the size of the Canada Council allocation were Toronto, Queen's, McGill, Montréal, and Alberta. Toronto received by far the largest sum, \$511,974 (including a Killam Award of \$100,437); or almost 16 per cent of the total. Queen's received \$265,303 (including a Killam Award of \$167,061); McGill,

\$259,247; Montréal, \$237,579. Alberta ranked fifth with \$189,250, about 6 per cent of the total.

All research directors in the humanities and social sciences should be encouraged to renew their efforts to seek the assistance of Canada Council for their research projects.

Further information on other sources of research funds may be obtained from the following publications, all of which are available from our office:

- Calendar of Granting Agencies,
- The Foundation Directory,
- Annual Register of Grant Support.

PEOPLE

■ *Up Against the Wall, Oedipus*, by WILFRED WATSON, Professor of English, was performed in the SUB Theatre Monday, March 23 through Thursday, March 26.

■ ANTHONY WARD, Associate Professor of English, gave two talks at Laval University on February 25 and 26, "sur les romans de Charles Dickens (en anglais) et sur Clarissa (en français)."

■ VIOLET ARCHER, Professor of Music, lectured at The University of Lethbridge April 2 and 3 on "New Trends in Twentieth Century Music" and "Composition as an Art and Craft."

■ HELMUT BRAUSS, Associate Professor of Music, presented a paper to the Registered

Music Teachers of Edmonton on February 8, on the topic "The Characteristic Expressions in Beethoven's Piano Music." Mr. Brauss will adjudicate for the Saskatchewan Music Festival Association during the week of April 19 at North Battleford. He adjudicated for the same body the week of March 8 at Nipawin.

VISITORS

■ IVAN L. RUDNYTSKY delivered the Fifth Annual Shevchenko Lecture at the University on March 23; he is Associate Professor of History at The American University in Washington, D.C., specializing in nineteenth century Ukrainian social and intellectual history. He also gave a seminar in the Political Science Department on the Ukrainian thinker and political figure, Vyacheslav Lypynsky. The talks were sponsored by the University's Committee on Soviet and East European Studies and the Ukrainian Professional and Business Men's Club of Edmonton.

NOTICES

BESSAI MEMORIAL PRIZE FUND ESTABLISHED

The Department of English has established a fund for a prize in memory of the late FRANK BESSAI, who served in the Department for nine years before his death last fall. The prize will be awarded annually to the best undergraduate student in Old English Language and Literature. Cheques should be made payable to "The Frank Bessai Memorial Prize Fund" and directed to JAMES NELSON, Department of English, chairman of the fund committee. All donations are tax deductible.

AUDIO CASSETTE DUPLICATOR

The Educational Media Division of the Department of Extension has acquired a high-speed audio cassette duplicator. The unit records both channels simultaneously and is capable of producing four one-hour cassettes in four minutes, from a tape reel master copy.

The duplicator was purchased to produce copies of taped programs for the department's independent study projects.

Departments on campus interested in producing copies of taped material in cassette form should contact the supervisor of the division, JAMES SHAW, for master tape requirements and costs.

FILM PRESENTATION

The University Cricket Club is presenting a film on Friday, April 10 at 8 p.m., in Room TL-11 of the Henry Marshall Tory Building. Entitled "The Tied Test," the

THIS WEEK AND NEXT

10 APRIL, FRIDAY

*University Cricket
Club Film*

8 p.m., Room TL-11, Henry Marshall Tory Building. "The Tied Test." Admission is free.

*Department of
Music Concert*

8:30 p.m., Convocation Hall, Arts Building. The St. Cecilia Chamber Orchestra of the Department of Music. MICHAEL BOWIE, Assistant Professor of Music, conductor; BERNARD TURGEON, Assistant Professor of Music, baritone soloist. Admission is free.

12 APRIL, SUNDAY

*Department of
Music Concert*

8:30 p.m., Convocation Hall, Arts Building. The University of Alberta String Quartet. THOMAS ROLSTON, violin; LAWRENCE FISHER, violin; MICHAEL BOWIE, viola; CLAUDE KENNESON, violoncello, playing on a matched quartet of instruments made by Henry Stroppel of Edmonton. Admission is free.

17 APRIL, FRIDAY

Chemistry Lecture

4 p.m., Room V-107, Physics and Chemistry Buildings. T. MUKAIYAMA, Laboratory of Organic Chemistry, Tokyo Institute of Technology. "Oxidation-Reduction Condensation: New Methods for the Synthesis of Peptides."

20 APRIL, MONDAY

SUB Art Gallery

Until May 8. Exhibition of work by graduating students of Fine Art.

22 APRIL, WEDNESDAY

*Computing Science
Colloquium*

4 p.m., Room 669, General Services Building. J. H. HOLLAND, Department of Computer and Communication Sciences, University of Michigan. "Robust Algorithms for Adaptation."

Listing must reach the Editor by 9 a.m. the Friday prior to publication. Written notification is preferred. Compiled by GILLIAN BUTLER, 432-4991.

film deals with the dramatic Test Match between the West Indies and Australia during the 1960-61 series which ended in a tie; a result previously unknown in the annals of Test Cricket. Admission is free.

PERSONAL NOTICES

Notices must reach the Editor by 9 a.m. the Friday prior to publication. They must be typed, and not exceed 35 words including heading.

FOR RENT—Furnished two-bedroom luxury apartment on 15th floor on Saskatchewan Drive. Available from May 1 to September 1. \$250 per month. 433-3568 (evenings).

FOR RENT—Three-bedroom bungalow in Belgravia. Fully furnished, finished basement, rumpus and bedrooms. Large treed, fenced yard, garage. Summer School faculty family preferred. Available from July 1 to August 16, for \$375. 433-1512, or 439-7312.

FOR RENT—Furnished three-bedroom house. Walking distance to the University. Fenced yard, single garage. Available from May 15, for a six-month period. \$250 per month. 433-0941.

FOR RENT—4-bedroom, 2-storey colonial house in Windsor Park area. Open fireplace, separate dining room and powder room, treed garden. Available June 1. Call Mrs. Campbell, Campbell Home Sales, 422-5614 or 489-7315.

FOR SALE—1968 camper with 4 single berths. 18,000 miles only. Austin Dormobile. Kitchen unit, cupboards, elevating roof. \$2,700. Professor returning to England. 439-0487.

FOR SALE—1965 Apache aluminum trailer-camper. Sleeps 4, built-in heater, drawers, 8 foot canopy. Excellent condition. \$340. 432-4627, or 433-6008.

FOR SALE—Split-level house in Grandview. Three bedrooms, den, family room, games room, dark room, fireplace, two-car front drive garage, sunken patio and farm view. \$15,000 CTM. 434-5458.

FOR SALE—Bungalow in Windsor Park. New shag broadloom, separate dining room, woodburning fireplace, finished lower area with two extra bedrooms, tile bathroom and knotty pine recreation room. Double garage, patio. Call Mrs. Campbell, Campbell Home Sales, 422-5614 or 489-7315.

FOR SALE—Good condition furniture and appliances: double bed, kitchen table and four chairs, 3 lamps, chesterfield, etc. Very inexpensive. 439-6886 (evenings), or 432-4518 (office hours).

FOR SALE—Norelco gramophone with stand, Westinghouse television, Japanese reflex camera, and 1966 Pontiac. Owner leaving the country. 482-3745.

SUMMER SESSION ACCOMMODATION AVAILABLE—Two blocks from the University. \$60 per month, to share a house. Available from May 1 to the end of August. Contact Bob Siebel, 432-8084.

WANTED—New faculty member wants three- or four-bedroom house for one year beginning August or September. Rent, purchase, or rent with option

to purchase. Eric West, 1301 Crescent, Ames, Iowa 50010.

WANTED TO RENT—Three- or four-bedroom house for 2 years, beginning July. 488-4523.

WANTED TO RENT—In May or June by University professor. Two-bedroom unfurnished house (or half a house) in University area. Preferably older house. About \$150 per month. 433-4510.

WANTED—Babysitter for six-month-old boy. All day Monday, Wednesday, and Friday. Prefer west of 109 Street and north of 81 Avenue. 433-4068, Tuesday or Thursday, or evenings, weekends.

FOR RENT—Furnished four-bedroom house in Lansdowne. Fireplace, family room, double garage. Available from August 15, 1970 to August 31, 1971. 432-3515, or 435-2347.

FOR RENT—Furnished one-bedroom apartment in the University area. Available from the end of April to mid-July. 432-3887 (day), or 433-4786 (evenings 6 to 9 p.m.).

FOR SALE—1968 Austin 1100. 433-6737.

FOR SALE—1965 Morris 1100. Ideal second car. \$600. 432-3354 (days), or 469-1086 (evenings).

FOR RENT—Sublet, two-bedroom completely furnished apartment. New block, parking, easy access to University and buses. Available from May 15 to August 15. \$150 per month. 453-2570.

FOR SALE—Westinghouse stove and refrigerator; Tynan chesterfield and chair; Kroehler bedroom suite; lawnmower; carriage. All in excellent condition. 433-4737.

POSITIONS VACANT

Applicants are sought for the following positions. The Personnel Office (Room 121, Administration Building) will provide further details to interested persons, who are asked not to approach the departments directly.

Library Clerk II (\$302-\$368)—Library

Library Assistant (\$386-\$470)—Library

File Clerk (\$261-\$317)—Student Health Services

Clerk-Typist II (\$302-\$368)—English; Political

Science; Geology; Pathology; Physiology; Purchasing

Clerk-Steno II (\$317-\$386)—Physical Education;

Student Health Services; Drama; Boreal Institute

Clerk-Steno II (part-time) (\$317-\$386)—Biomedical

Engineering

Clerk-Steno (part-time) (open)—English

Clerk-Steno III (\$368-\$447)—Chemistry

Bookkeeper-Typist (\$368-\$447)—Agricultural

Economics

Bookkeeper I (\$288-\$350)—Physical Education

Student Record Processing Clerk (\$368-\$447)—Office of

the Registrar

Student Record Processing Supervisor (open)—Office

of the Registrar

Electronic Technician I (\$492-\$599)—Physics

Chemical Technologist (\$543-\$660)—Chemical and

Petroleum Engineering

Bacteriology Technologist I (\$470-\$571)—Provincial

Lab

Surgical Assistant II (\$350-)—Surgical-Medical

Research Institute

Computer Operator (\$492-\$599)—Division of

Educational Research

Technician Assistant (\$300-)—Technical Services—

Electronics

Technical Assistant—Electrical (open)—Physical Pl

Maintenance Worker III—Grounds Division

(\$728-\$885)—Physical Plant

Stage Carpenter—Drama

Programmer III (\$693-\$843)—Administrative Data

Processing